

26. The composition as claimed in claims 25, wherein said layer is a layer of at least one silicon or aluminum oxide, hydroxide or oxohydroxide.

27. The composition as claimed in claim 26, wherein said layer is formed from silica, an aluminosilicate or alumina.

28. The composition as claimed in claim 25, wherein said titanium dioxide particles have an average size of between 20 and 70 nm.

29. The composition as claimed in claim 25, wherein the titanium dioxide has a anatase crystal structure.

30. The composition as claimed in claim 25, wherein said titanium dioxide particles have a BET specific surface area of at least 40 m²/g.

31. The composition as claimed in claim 25, wherein said composition comprises at least one elastomer having a glass transition temperature of between -150°C and +20°C.

32. The composition as claimed in claim 25, wherein said composition further comprises at least one reinforcing filler and, optionally, at least one coupling agent or at least one coating agent.

33. The composition as claimed in claim 25, wherein said composition further contains no carbon black.

34. The composition as claimed in claim 25, wherein said composition further comprises at least one organic antioxidant.

35. The composition as claimed in claim 25, wherein said composition has a weight content of titanium dioxide particles of between 0.5 and 8%.

36. A finished article comprising a composition as defined in claim 25

37. A process for protecting a rubber composition against UV radiation, comprising the step of adding to said composition a protecting amount against UV radiation of titanium dioxide particles having an average size of at most 80 nm and at least partially coated with a layer of at least one metal oxide, hydroxide or oxohydroxide.

38. A process as claimed in claim 37, wherein said layer is a layer of at least one silicon or aluminum oxide, hydroxide or oxohydroxide.

39. A process as claimed in claim 38, wherein said layer is formed from silica, an aluminosilicate or alumina.

40. A process as claimed in claim 37, wherein said titanium dioxide particles have an average size of between 20 and 70 nm.

41. A process as claimed in claim 37, wherein the titanium dioxide has a anatase crystal structure.

42. A process as claimed in claim 37, wherein said titanium dioxide particles have a BET specific surface area of at least 40 m²/g.

43. A process as claimed in claim 37, wherein said particles are in powder form.

44. A process as claimed in claim 37, wherein said rubber composition comprises at least one elastomer, having a glass transition temperature of between -150°C and +20°C.

45. A process as claimed in claim 37, wherein said rubber composition furthermore includes at least one reinforcing filler and, optionally, at least one coupling agent or at least one coating agent.

46. A process as claimed in claim 37, wherein said rubber composition further contains no carbon black.

47. A process as claimed in claim 37, wherein said rubber composition ifurther comprises at least one organic antioxidant.

48. A process as claimed in claim 37, wherein between 0.5 and 8% by mass relative to the total mass of said rubber composition, of titanium dioxide particles is added to said rubber composition.

49. A process as claimed in claim 48, wherein between 1and 5% by mass relative to the total mass of said rubber composition, of titanium dioxide particles is added to said rubber composition.